

✓

L3 ANSWER 135 OF 379 CA COPYRIGHT 2004 ACS on STN
AN 132:170104 CA
ED Entered STN: 17 Mar 2000
TI Compositions for unfired ceramic products for civil construction
IN Gomes, Pedro Linhares
PA Brazil
SO Braz. Pedido PI, 11 pp.
CODEN: BPXXDX
DT Patent
LA Portuguese
IC ICM C04B028-00
ICS C04B018-12; C04B018-14; C04B018-16
CC 58-4 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BR 9606112	A	19990323	BR 1996-6112	19961211
PRAI	BR 1996-6112			19961211	

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	BR 9606112	ICM	C04B028-00
		ICS	C04B018-12; C04B018-14; C04B018-16

AB The compn. comprises clay 18-20, sand 40-45, **cement** 15-20, LD **slag** 10-12, and oxides 2-3 wt.%. Alternative compns. also contain **nepheline**, carbon, granite waste, belite, stone powder, feldspar NE, grog, masonry rubble, **lime hydrate**, and/or blast furnace dust (charcoal). All of the compns. give products with high bending strength and low water absorption. Each compn. is appropriate for some type of civil construction, e.g., concretes, plasters, paving, floors, etc., and some may be premolded or extruded.

ST ceramic compn unfired civil construction; waste solid building material
IT **Cement** (construction material)

Concrete
Construction materials
Floors
Grog

Ca
||

also contains Ca residue